

**METHOD AND APPARATUS FOR GENERATING AND  
DISPLAYING N-BEST ALTERNATIVES IN A SPEECH  
RECOGNITION SYSTEM**

ABSTRACT OF THE DISCLOSURE

5           The present invention is directed to a  
method and apparatus for generating alternatives to  
words indicative of recognized speech. A reference  
path of recognized words is generated, based upon  
input speech data. An operator selection input is  
10 received and is indicative of a selected portion of  
the recognized speech, for which alternatives are to  
be generated. Boundary conditions for alternatives to  
be generated are calculated based upon bounds of a  
reference subpath corresponding to the selected  
15 portion of the recognized speech. Alternate subpaths  
satisfying the boundary conditions are constructed  
from a hypothesis store which corresponds to the input  
speech data.